ational Application No .../US2004/023759

Relevant to claim No

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N5/06 C12N5/08

C. DOCUMENTS CONSIDERED TO BE RELEVANT

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category °

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

X	BITMANSOUR A D ET AL: "Clonor structure of the human CD4+ meresponse to cytomegalovirus" JOURNAL OF IMMUNOLOGY, THE WIWILKINS CO. BALTIMORE, US, vol. 167, no. 3, 1 August 2001 (2001-08-01), p. 1151-1163, XP002297103 ISSN: 0022-1767 cited in the application * Materials and Methods: Cell and Ag stimulation * * Materials and Methods: Immu staining and flow cytometric sorting * figure 4	emory T cell LLIAMS AND ages preparation nofluorescent	1-6, 8-14,18, 19,21, 22,27, 28,30, 32,34, 40,41
		- /	
X Furt	ther documents are listed in the continuation of box C	Patent family members are listed	n annex.
'A' docume consider tiling of the docume which citation other	ent defining the general state of the lart which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cried to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	"T" later document published after the integration or priority date and not in conflict with cited to understand the principle or the invention. "X" document of particular relevance, the cannot be considered novel or cannot involve an inventive step when the document of particular relevance, the cannot be considered to involve an indocument is combined with one or mants, such combination being obvious the art. "&" document member of the same patent.	the application but early underlying the claimed invention to considered to occument is taken alone claimed invention each wentive step when the ore other such docuurs to a person skilled

27/04/2005

Mauhin, V

Authorized officer

Date of mailing of the international search report

Name and mailing address of the ISA

19 April 2005

Date of the actual completion of the international search

European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016

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X	WO 03/034820 A (MEDCELL BIOLOGICS, LLC) 1 May 2003 (2003-05-01)	1-3, 5-12,15, 17,19, 21,22, 28,30, 32,34, 36,37, 40,41,43
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	27 May 1999 (1999-05-27), pages 39-52, XP004166755 ISSN: 0022-1759 * Materials and methods: Cell lines * * Materials and methods: Positive selection of CD8+ cells * * Materials and methods: Flow cytometry *	
A	WO 03/004625 A (THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE S) 16 January 2003 (2003-01-16)	
P,X	WO 2004/027428 A (DEUTSCHES RHEUMA-FORSCHUNGS ZENTRUM BERLIN; FRENTSCH, MARCO; ROTHE, MA) 1 April 2004 (2004-04-01) examples 3,6,8 page 17, line 8 - line 11 page 19, line 1 - line 19 page 20, line 18 - line 23 page 21, line 4 - line 25 figure 3	1-24, 36-38, 40-43
Α	SUNI M A ET AL: "Detection of antigen-specific T cell cytokine expression in whole blood by flow cytometry" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 212, no. 1, 1998, pages 89-98, XP004143119 ISSN: 0022-1759	
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	/210 (continuation of second sheet) / January 2004)		

ernational application No. PCT/US2004/023759

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Although claim 43 is directed to a method of treatment of the human/animal
body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

information on patent family members

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